

normal rainfalls of August which wrecked the Chesapeake and Delaware canal banks, and other public works.

Pending nominations, Nos. 733 and 736, and new nominations Nos. 737, 738, 739 were read.

And the meeting was adjourned.

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*Stated Meeting, October 2d, 1873.*

Present, 13 members.

Vice-President, Mr. FRALEY, in the Chair.

Letters acknowledging the receipt of Proceedings were received from the Glasgow Philosophical Society, Sept. 1st, 1873, and Yale College, Sept. 22, 1873 (90).

A letter of envoy was received from M. de Koninck, dated Liège, Sept. 11, 1873.

Donations for the Library were received from the Meteorological Committee of the Royal Society, London, the Essex Institute, the Penn Monthly, and the American Chemist.

Dr. Carson, on the part of Mrs. Jackson, widow of Dr. Samuel Jackson, presented to the Society the original diploma of membership in this Society, given to David Jackson, M. B., of Philadelphia, dated February 4th, 1792, and signed by David Rittenhouse, President; John Ewing, Thomas Jefferson, William Smith, Vice-Presidents; James Hutchinson, Rob. Patterson, Sam. Magaw, and John Williams, Secretaries.

Proofs of the map made by Mr. Bien, of New York, to illustrate Dr. Gabb's Memoir in the Transactions, entitled "Topography and Geology of Santo Domingo," were exhibited.

Prof. Chase offered for the inspection of the members a triangular MS. volume of mystical characters and of considerable age, and described its peculiarities.

Prof. Chase gave the historical development of Bode's, Pierce's and Kirkwood's Astronomical Laws, and compared them with his own harmonic analogy of the solar system.

Pending nominations, Nos. 733, 736, 737, 738, 739, were read.

On motion of Dr. Carson, the Publication Committee was authorized to publish Dr. Gabb's map in duplicate, colored and uncolored.

And the meeting was adjourned.

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*Stated Meeting, October 17th, 1873.*

Present, 12 members.

Dr. CARSON, in the Chair.

Letters acknowledging the reception of publications were received from the Royal Society, dated London, August 26, 1873 (89); the Linnean Society, August 20, 1873 (89; wanting 88 and XIV, ii); and the Lyceum of Natural History in New York, dated October 6, 1873 (90).

A letter of envoy was received from the New York State Library, at Albany, dated October 2, 1873.

A letter requesting the completion of its series of the A. P. S. Trans. and Proc. was received from the Director of the U. S. Naval Observatory, dated Washington, October 3, 1873.

A letter was received from Mr. F. W. Cristern, foreign bookseller, 77 University Place, New York city, transmitting a request from M. Germer-Baillièrè, editor of the Cours Scientifiques, published in Paris. On motion, the request was granted.

Donations for the Library were received from the Ecole des Mines, Revue Politique, London Nature, Royal Society, Linnean Society, Mr. Edmund Quincy, Silliman's Journal, New York State Library, Regents of the University of New